## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/017368

A CLASSIFICATION OF SUBJECT MATTER		
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> F16C33/78, 41/00, 33/80, G0	6K19/00	
According to International Patent Classification (IPC) or to both nation	onal classification and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by Int.Cl <sup>7</sup> F16C33/76-33/80, 41/00, G06	classification symbols) K19/00	
Kokai Jitsuyo Shinan Koho 1971-2005	Toroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	1994-2005 1996-2005
Electronic data base consulted during the international search (name o	of data base and, where practicable, search to	erms used)
C. DOCUMENTS CONSIDERED TO BE RELEVANT		1
Category* Citation of document, with indication, where a	appropriate, of the relevant passages	Relevant to claim No.
		1-4
& EP 1058903 A & WC & AU 3182399 A & CN & BF & CA 2323752 A & NZ	ANICAL SEALS),	. 1-4
X Further documents are listed in the continuation of Box C.	See patent family annex.	
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier application or patent but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed</li> </ul>	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&" document member of the same patent family	
Date of the actual completion of the international search 08 March, 2005 (08.03.05)	Date of mailing of the international search, 2005 (29.	
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer	
Facsimile No. orm PCT/ISA/210 (second sheet) (January 2004)	Telephone No.	<del></del>

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International application No.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A (3)	US 6107920 A (MOTOROLA, INC.), 22 August, 2000 (22.08.00), & US 6018299 A & US 6091332 A & US 6130613 A & US 6246327 B1 & JP 2002-517870 A & JP 2002-519771 A & EP 1093644 A & EP 1090379 A & EP 1110190 A & WO 1999/065002 A1 & WO 1999/067754 A1 & WO 2000/016278 A1 & AU 4422399 A & BR 9910980 A & CN 1305623 T & CA 2334156 A & AU 4573099 A & BR 9911407 A & CN 1315027 T & AU 750290 B & CA 2334832 A	1-4
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